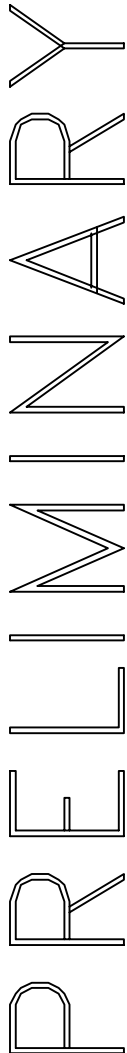


REV. Status  
 PRELIMINARY  
 04/26/00 JC

PRELIMINARY 1  
 DEL. INSERTION LOSS  
 ADDED  
 INTERWINDING  
 CAPACITANCE  
 08/11/00 LL



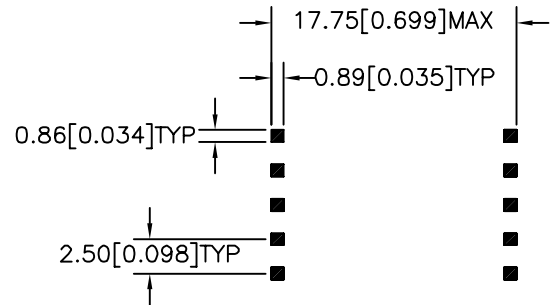
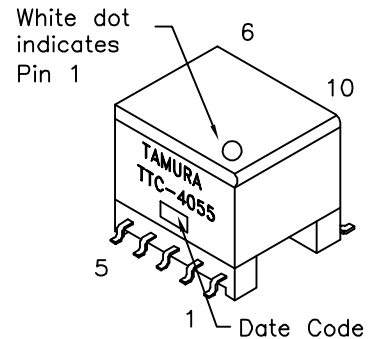
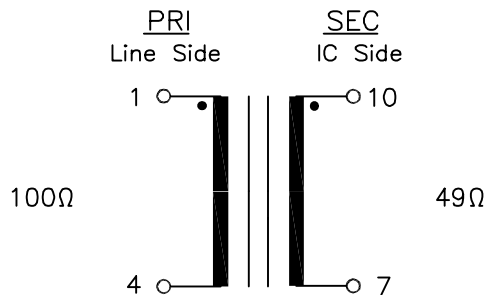
ADSL transformer designed for use with Texas Instrument chip TNETD2000R, TNETD3000R, TNETD3000P, TNETD4000R (CPE Side)

- A. Electrical Specifications (@ 25 °C)
1. Primary (Line side) Impedance; 100Ω
  2. Secondary (IC side) Impedance; 49Ω
  3. Frequency Response; ±0.5dB @ 100KHz to 1.1MHz, 0dBm
  4. Longitudinal Balance; 50dB MIN @ 1.1MHz, 0dBm
  5. Primary Open Circuit Inductance; 1.50mH ±5% @ 100KHz, 0.1Vrms Measured (1-4)
  6. Leakage Inductance; 18.0μH MAX @ 100KHz, 0.1Vrms Measured (1-4) with 7 & 10 shorted
  7. Interwinding Capacitance; 35pF MAX. Measured (1-10)
  8. Total Harmonic Distortion; -80dB MAX @ 100KHz, 15vpp, Measured (1-4)
  9. DC Resistance; (1-4)=4.0Ω MAX  
(7-10)=0.7Ω MAX
  10. Turns Ratio; (1-4):(7-10)=1.42:1.0±2%
  11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

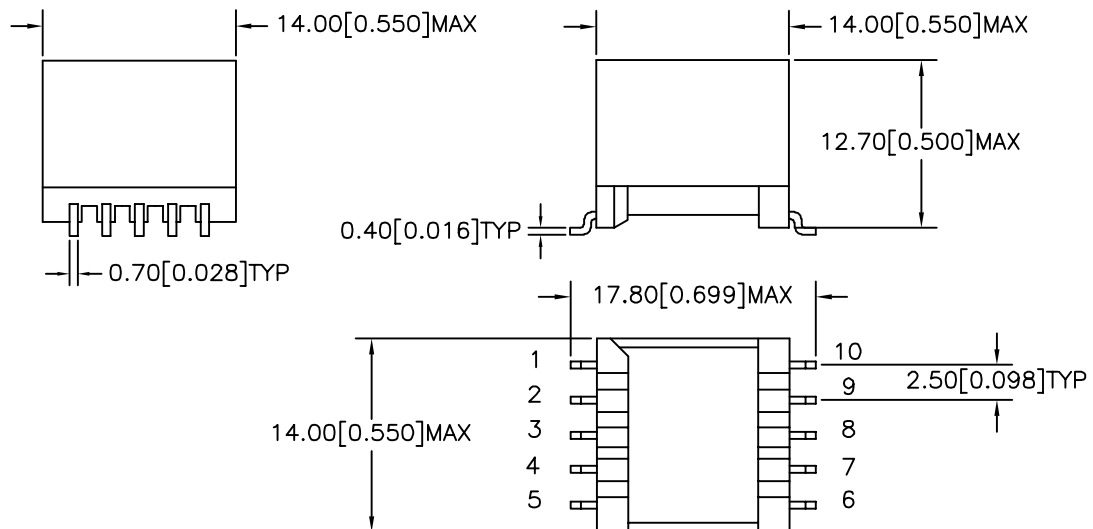
B. Marking; TTC-4055, TAMURA, date code and country of origin

C. Safety; Complies with UL1950 3rd Edition and IEC950

D. Schematic;



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
 P-A1-12480  
 ACAD\TTC\A1124801.DWG

REV  
 PR1

ADSL  
 TRANSFORMER

TTC-4055

MODEL SPECIFICATION

CONTENTS OF THIS DRAWING ARE  
 SUBJECT TO CHANGE WITHOUT  
 PRIOR NOTICE

**TAMURA CORPORATION OF AMERICA**  
 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
 (909) 699-1270 FAX 9096769482

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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MODEL NUMBER  
**TTC-4055**